

Table 4.19 from (1992TI02):  
Measurements and analyses of cross sections for elastic electron scattering on  $^4\text{He}$

$q^2$ ( $\text{fm}^{-2}$ )	$E_e$ (MeV)	Description	Refs.
1 – 4.4		Used symmetrized Fermi-density distributions.	<a href="#">1972EL11</a>
$\approx 0.2 - 2.5$	200 – 500	Obtained charge density. Model-independent analysis.	<a href="#">1976SI13</a>
$\leq 6.2$	170 – 750	Measured charge form factor. Deduced point-nucleon distributions from model-independent analysis.	<a href="#">1977MC03</a>
$\leq 800$		Obtained elastic structure functions.	<a href="#">1978AR05</a>
0.45 – 2	105 – 320	Measured $\sigma(E, \theta)$ . Obtained charge form factors. Deduced r.m.s. radii, model-independent analysis.	<a href="#">1985OT02</a>